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**From:** Clemmer, Jill (DPH) [/O=COMMONWEALTH OF MASSACHUSETTS/OU=MASSMAIL-01/CN=RECIPIENTS/CN=JILL.CLEMMER]  
**Sent:** 1/4/2012 7:19:21 PM  
**To:** O'Brien, Elisabeth (DPH) [/O=COMMONWEALTH OF MASSACHUSETTS/OU=MassMail-01/cn=Recipients/cn=Elisabeth.O'Brien]  
**CC:** Piro, Peter (DPH) [/O=COMMONWEALTH OF MASSACHUSETTS/OU=MassMail-01/cn=Recipients/cn=Peter.Piro]; Salemi, Charles (DPH) [/O=COMMONWEALTH OF MASSACHUSETTS/OU=MassMail-01/cn=Recipients/cn=Charles.Salemi]; Servizio, Paul (DPH) [/O=COMMONWEALTH OF MASSACHUSETTS/OU=MassMail-01/cn=Recipients/cn=Paul.Servizio]; Nassif, Julianne (DPH) [/O=COMMONWEALTH OF MASSACHUSETTS/OU=MassMail-01/cn=Recipients/cn=Julianne.Nassif]  
**Subject:** FW: Midazolam, Finally?

Hi Betsy –

Julie approved the final midazolam sample analyses – they are Ready To Report! If you have any questions about which results to use give me a call. (It's the 12/22/11 results for [REDACTED] and the 12/28/11 results for [REDACTED] [REDACTED] in the table below...) The detection limit for the majority of the samples was 0.125mg/mL midazolam, but all samples had measurable results, so you don't really need that value...

Jill  
X6657

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**From:** Clemmer, Jill (DPH)  
**Sent:** Thursday, December 29, 2011 8:44 AM  
**To:** Servizio, Paul (DPH); Nassif, Julianne (DPH)  
**Cc:** Salemi, Charles (DPH); O'Brien, Elisabeth (DPH); Piro, Peter (DPH)  
**Subject:** Midazolam, Finally?

Well, they say that life isn't perfect... But we know that Analytical Chemistry can be...

... the exception to the rule is MIDAZOLAM!!!!

Here's a summary of the HPLC-UV, USP results:

Sample ID #	11/30/2011 Midazolam (mg/mL)	12/22/2011 Midazolam (mg/mL)	12/28/2011 Midazolam (mg/mL)	Relative Percent Difference
[REDACTED]	0.46	0.453	n/a	2
[REDACTED]	1.9	1.97	n/a	4
[REDACTED]	3.08	2.82	n/a	9
[REDACTED]	0.28	0.275	n/a	2
[REDACTED]	0.27	0.255	n/a	6
[REDACTED]	2.42	2.44	n/a	1
[REDACTED]	5.48	n/a	5.12	7
[REDACTED]	5.66	n/a	4.97	13
[REDACTED]	5.44	n/a	4.76	13
[REDACTED]	5.45	n/a	5.11	6
[REDACTED]	5.26	n/a	5.11	3

Recall that the 11/30/11 run had contaminated blanks, because the autosampler needle wash was not on. The re-run of 12/22/11 was incomplete due to a power glitch at 4am. The 12/28/11 re-run "completes" the Midazolam samples (if only), if we accept 111% and 112% QC recovery (instead of 90 – 110%). Can you say UGH!!!!!!!!!!!!!!?

Jill

PS: I'm done -- burnt-toast.